

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|---|------------------|---------|------------------|
| L1 | 5155 | ((340/438) or (340/439) or (340/573.1) or (340/575) or (340/576) or (340/686.1) or (340/686.2)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/06 16:17 |
| L2 | 213061 | (cord or wire or cable) with (contact or contacting) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/05/06 15:45 |
| L3 | 10245 | earpiece or ear piece | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/05/06 15:45 |
| L4 | 2266520 | (cord or wire or cable) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/05/06 15:46 |
| L5 | 6534 | (sleep or sleeping) with (prevent or preventing or prevented or prevention) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/05/06 15:45 |
| L6 | 4 | L2 and L3 and L5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/05/06 15:46 |
| L7 | 1 | 1 and L4 and L6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/05/06 15:45 |
| L8 | 2866989 | cord or wire or cable or string or thread | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/05/06 15:46 |
| L9 | 44 | 1 and 8 and 5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/05/06 15:56 |

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|-----|---------|--|---|-----|-----|------------------|
| L10 | 50 | ((("5402109") or ("5559495") or ("5682144") or ("5684461") or ("5982287") or ("6057768") or ("6236968") or ("4272764") or ("6242872") or ("5204667") or ("5415458") or ("5534846") or ("5953773") or ("6147612") or ("6183427") or ("6016103") or ("5570698") or ("5689241") or ("5745031") or ("5942979") or ("3903514") or ("4059830") or ("4259665") or ("4348652") or ("4363249") or ("4397531") or ("4485375") or ("4612655") or ("4928090") or ("4953111") or ("4970509") or ("4996515") or ("5012226") or ("5285186") or ("5353013") or ("5469143") or ("5483689") or ("5684462") or ("5684455") or ("5714925") or ("5745038") or ("5798695") or ("5813993") or ("5847648") or ("5900805") or ("5969616") or ("5990795") or ("6023227") or ("6087941") or ("6087942"))).PN. | US-PGPUB; USPAT | OR | OFF | 2006/05/06 15:56 |
| L11 | 161376 | photoelectric eye or photoeye or photo eye or (photo or light) adj2 (detector or detecting) or (photo or light) adj2 (sensor or sensing) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/05/06 16:08 |
| L12 | 2988532 | 11 or 8 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/05/06 16:08 |
| L13 | 45 | 1 and 5 and 12 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/05/06 16:09 |
| L14 | 1 | 13 not 9 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/05/06 16:09 |
| S1 | 4945 | ((340/438) or (340/439) or (340/573.1) or (340/575) or (340/576) or (340/686.1) or (340/686.2)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/06 15:44 |
| S2 | 209331 | (cord or wire or cable) with (contact or contacting) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/02/05 19:13 |

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|-----|---------|---|---|-----|-----|------------------|
| S3 | 9883 | earpiece or ear piece | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/02/05 19:11 |
| S4 | 148 | driver with (sleep or sleeping) with (prevent or preventing or prevented or prevention) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/02/05 19:22 |
| S5 | 1 | S2 and S3 and S4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/02/05 19:22 |
| S6 | 1 | S2 and S3 and S1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/02/05 19:13 |
| S7 | 229 | S2 and S1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/02/05 19:17 |
| S8 | 2226491 | (cord or wire or cable) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/02/05 19:13 |
| S9 | 229 | S7 and S8 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/02/05 19:13 |
| S10 | 30 | S3 and S1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/02/05 19:17 |
| S11 | 1067 | ((340/439) or (340/575) or (340/576)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/02/05 19:19 |
| S12 | 6297 | (sleep or sleeping) with (prevent or preventing or prevented or prevention) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/02/05 19:22 |
| S13 | 0 | S2 and S3 and12 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/02/05 19:22 |
| S14 | 4 | S2 and S3 and S12 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/02/05 19:42 |

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|-----|--------|---|---|-----|----|------------------|
| S15 | 3 | S11 and S12 and S8 and S3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/02/05 20:03 |
| S16 | 157469 | photoelectric eye or photoeye or photo eye or (photo or light) adj2 (detector or detecting) or (photo or light) adj2 (sensor or sensing) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/05/06 16:00 |
| S17 | 121 | S12 and S16 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/02/05 19:46 |
| S18 | 11 | S17 and S1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/02/05 19:46 |
| S19 | 3 | S1 and S12 and S8 and S3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/02/05 20:04 |
| S20 | 14 | S12 and S8 and S3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/02/05 20:04 |
| S21 | 1 | S12 and S16 and S3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/02/05 20:05 |
| S22 | 14 | S20 or S21 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2006/02/05 20:05 |